

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|--|--------------------|------------------|
| 1 | 30 | InGaAlAs with barrier | USPAT; US-PGPUB | 2002/12/11 13:15 |
| 2 | 394302 | @AD>20000107 or @RLAD>20000107 | USPAT; US-PGPUB | 2002/12/11 13:15 |
| 3 | 24 | (InGaAlAs with barrier) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/11 13:57 |
| 4 | 103 | semi-insulating and InP and InAlAs and p-type | USPAT; US-PGPUB | 2002/12/11 13:57 |
| 5 | 91 | (semi-insulating and InP and InAlAs and p-type) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/11 13:58 |
| - | 8670 | III-V | USPAT; US-PGPUB | 2002/12/09 13:03 |
| - | 220 | InGaAlAs | USPAT; US-PGPUB | 2002/12/09 13:04 |
| - | 30 | (barrier or barriers) with InGaAlAs | USPAT; US-PGPUB | 2002/12/09 13:04 |
| - | 24 | ((barrier or barriers) with InGaAlAs) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/09 13:05 |
| - | 1 | ((barrier or barriers) with InGaAlAs) not (@AD>20000107 or @RLAD>20000107) and 438/\$.ccls. | USPAT; US-PGPUB | 2002/12/09 13:06 |
| - | 59 | (438/518).CCLS. | USPAT; US-PGPUB | 2002/12/09 14:36 |
| - | 134 | (438/604).CCLS. | USPAT; US-PGPUB | 2002/12/09 14:36 |
| - | 179273 | barrier or barriers | USPAT; US-PGPUB | 2002/12/09 16:20 |
| - | 12132 | InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs | USPAT; US-PGPUB | 2002/12/09 16:20 |
| - | 269 | 438/761.ccls. | USPAT; US-PGPUB | 2002/12/09 14:38 |
| - | 0 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/761.ccls. | USPAT; US-PGPUB | 2002/12/09 14:39 |
| - | 108 | 438/767.ccls. | USPAT; US-PGPUB | 2002/12/09 14:39 |
| - | 2 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/767.ccls. | USPAT; US-PGPUB | 2002/12/09 14:39 |
| - | 0 | ((438/518).CCLS.) and ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) | USPAT; US-PGPUB | 2002/12/09 14:39 |
| - | 5 | ((438/604).CCLS.) and ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) | USPAT; US-PGPUB | 2002/12/09 14:39 |
| - | 59243 | 438/\$.ccls. | USPAT; US-PGPUB | 2002/12/09 14:41 |
| - | 248 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/\$.ccls. | USPAT; US-PGPUB | 2002/12/09 14:41 |
| - | 199 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/\$.ccls.) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/09 14:44 |
| - | 475000 | PIN | USPAT; US-PGPUB | 2002/12/09 14:42 |
| - | 4 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/\$.ccls.) not (@AD>20000107 or @RLAD>20000107) and PIN | USPAT; US-PGPUB | 2002/12/09 14:42 |
| - | 195 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/\$.ccls.) not (@AD>20000107 or @RLAD>20000107) not (((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/\$.ccls.) not (@AD>20000107 or @RLAD>20000107) and PIN | USPAT; US-PGPUB | 2002/12/09 15:02 |
| - | 87 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and PIN | USPAT; US-PGPUB | 2002/12/09 15:02 |
| - | 68 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and PIN) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/09 15:02 |
| - | 213 | 438/7.ccls. | USPAT; US-PGPUB | 2002/12/09 16:15 |

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| - | 1 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/7.ccls. | USPAT; | 2002/12/09 |
| - | 233 | 438/31.ccls. | US-PGPUB | 16:16 |
| - | 36 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/31.ccls. | USPAT; | 2002/12/09 |
| - | 30 | (((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/31.ccls.) not (@AD>20000107 or @RLAD>20000107) | US-PGPUB | 16:16 |
| - | 162 | 438/32.ccls. | USPAT; | 2002/12/09 |
| - | 33 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/32.ccls. | US-PGPUB | 16:18 |
| - | 27 | (((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/32.ccls.) not (@AD>20000107 or @RLAD>20000107) | USPAT; | 2002/12/09 |
| - | 483 | 438/for.393.ccls. | US-PGPUB | 16:19 |
| - | 115618 | barrier or barriers | USPAT; | 2002/12/09 |
| - | 11164 | InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs | US-PGPUB | 16:20 |
| - | 1119 | (barrier or barriers) and (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) | EPO; JPO; | 2002/12/09 |
| - | 0 | 438/for.393.ccls. and ((barrier or barriers) and (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) | DERWENT | 16:20 |
| - | 59 | 438/for.394.ccls. | EPO; JPO; | 2002/12/09 |
| - | 1 | ((barrier or barriers) and (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/for.394.ccls. | DERWENT | 16:21 |
| - | 134 | 438/for.396.ccls. | EPO; JPO; | 2002/12/09 |
| - | 0 | ((barrier or barriers) and (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and 438/for.396.ccls. | DERWENT | 16:22 |
| - | 1173 | (barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) | EPO; JPO; | 2002/12/09 |
| - | 10212 | "different temperature" | USPAT; | 2002/12/10 |
| - | 0 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) with "different temperature" | US-PGPUB | 12:40 |
| - | 0 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) same "different temperature" | USPAT; | 2002/12/10 12:31 |
| - | 6 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and "different temperature" | US-PGPUB | 12:33 |
| - | 10049 | barrier with temperature | USPAT; | 2002/12/10 |
| - | 135 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and (barrier with temperature) | US-PGPUB | 12:33 |
| - | 112 | (((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs)) and (barrier with temperature)) not (@AD>20000107 or @RLAD>20000107) | USPAT; | 2002/12/10 |
| - | 8 | barriers with "different temperature" | US-PGPUB | 12:38 |
| - | 375168 | semiconductor or "integrated circuit" | USPAT; | 2002/12/10 |
| - | 2 | (barriers with "different temperature") and (semiconductor or "integrated circuit") | US-PGPUB | 12:39 |
| - | 252 | (barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) and temperatures | USPAT; | 2002/12/10 |
| - | 206 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) and temperatures) not (@AD>20000107 or @RLAD>20000107) | US-PGPUB | 12:39 |
| - | 5 | (barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) with temperatures | USPAT; | 2002/12/10 |
| - | | | US-PGPUB | 12:42 |

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|---|----|--|--------------------|---------------------|
| - | 32 | (barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) with (temperatures or temperature) | USPAT; US-PGPUB | 2002/12/10 12:42 |
| - | 26 | ((barrier or barriers) with (InP or InGaP or InGaAs or InGaAsP or InGaAlAs or InAlAs) with (temperatures or temperature)) not (@AD>20000107 or @RLAD>20000107) | USPAT; US-PGPUB | 2002/12/10 12:43 |